GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: January 2, 2006, 06:28:24 ; Search time 1956 Seconds
(without alignments)
10404.366 Million cell updates/sec

Title: US-08-783-734D-9
Perfect score: 2461
Sequence: 1 gaggaatcgttctgcaaatc.....ctgtacttttcatggattag 2461

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 9793542 seqs, 4134689005 residues

Total number of hits satisfying chosen parameters: 19587084

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA_Main:*
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9: /cgn2_6/ptodata/1/pubpna/US10E_PUBCOMB.seq:*
10: /cgn2_6/ptodata/1/pubpna/US11_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	2433.4	98.9	3097	5	US-10-079-625-1	Sequence 1, Appli
2	2433.4	98.9	3656	5	US-10-226-579-1	Sequence 1, Appli
3	2433.4	98.9	3854	5	US-10-079-625-42	Sequence 42, Appl
4	2390.4	97.1	2679	5	US-10-278-733-14	Sequence 14, Appl
5	2364.6	96.1	2868	2	US-08-779-457-8	Sequence 8, Appli
6	2364.6	96.1	2868	5	US-10-214-802-8	Sequence 8, Appli
7	2364.6	96.1	2868	8	US-10-921-710-8	Sequence 8, Appli
8	2148.8	87.3	3489	5	US-10-278-733-18	Sequence 18, Appl
9	1692.2	68.8	3102	2	US-08-779-457-6	Sequence 6, Appli
10	1692.2	68.8	3102	5	US-10-214-802-6	Sequence 6, Appli
11	1692.2	68.8	3102	8	US-10-921-710-6	Sequence 6, Appli
12	1692.2	68.8	3800	5	US-10-226-579-3	Sequence 3, Appli
13	1692.2	68.8	3800	7	US-10-641-643-885	Sequence 885, App
14	1692.2	68.8	3800	9	US-10-893-315-12	Sequence 12, Appl
15	1692.2	68.8	4102	2	US-08-779-457-1	Sequence 1, Appli
16	1692.2	68.8	4102	5	US-10-214-802-1	Sequence 1, Appli
17	1692.2	68.8	4102	8	US-10-921-710-1	Sequence 1, Appli
18	1691	68.7	3004	2	US-08-779-457-5	Sequence 5, Appli
19	1691	68.7	3004	5	US-10-214-802-5	Sequence 5, Appli
20	1691	68.7	3004	8	US-10-921-710-5	Sequence 5, Appli
21	1690.8	68.7	2991	5	US-10-095-929-1	Sequence 1, Appli
22	1690.8	68.7	2991	10	US-11-026-133-1	Sequence 1, Appli
23	1689	68.6	3784	9	US-10-893-315-26	Sequence 26, Appl
24	1688.2	68.6	2415	3	US-09-116-676-9	Sequence 9, Appli
25	1687.4	68.6	3871	5	US-10-079-625-3	Sequence 3, Appli
26	1682.8	68.4	2877	5	US-10-245-616-1	Sequence 1, Appli
27	1680.4	68.3	3909	8	US-10-014-156-12	Sequence 12, Appl
28	1676	68.1	2691	7	US-10-373-624A-1	Sequence 1, Appli
29	1676	68.1	2691	8	US-10-774-721-9	Sequence 9, Appli
30	1613.8	65.6	2751	7	US-10-373-624A-3	Sequence 3, Appli
31	1613.8	65.6	3486	7	US-10-373-624A-7	Sequence 7, Appli
32	1613.8	65.6	3486	8	US-10-774-721-13	Sequence 13, Appl
33	1613.8	65.6	3705	7	US-10-373-624A-5	Sequence 5, Appli
34	1613.8	65.6	3705	8	US-10-774-721-11	Sequence 11, Appl
35	1540	62.6	5147	5	US-10-116-802-93	Sequence 93, Appl
36	480.4	19.5	630	9	US-10-803-459C-1	Sequence 1, Appli
37	274	11.1	481	3	US-09-918-995-8348	Sequence 8348, Ap
38	267.8	10.9	627	9	US-10-803-459C-7	Sequence 7, Appli
39	252.4	10.3	391	3	US-09-918-995-8799	Sequence 8799, Ap
40	212.4	8.6	516	6	US-10-029-386-13143	Sequence 13143, A
41	212.4	8.6	207542	9	US-10-893-315-148	Sequence 148, App
42	212.4	8.6	207557	9	US-10-893-315-134	Sequence 134, App
43	212	8.6	601	9	US-10-893-315-496	Sequence 496, App
44	212	8.6	601	9	US-10-893-315-861	Sequence 861, App
45	205.4	8.3	287	6	US-10-029-386-26843	Sequence 26843, A

ALIGNMENTS

RESULT 1
US-10-079-625-1
; Sequence 1, Application US/10079625
; Publication No. US20020182676A1
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; APPLICANT: White, David W.
; TITLE OF INVENTION: THE OB RECEPTOR AND METHODS FOR
; TITLE OF INVENTION: THE DIAGNOSIS AND TREATMENT OF BODY WEIGHT DISORDERS,
; TITLE OF INVENTION: INCLUDING OBESITY AND CACHEXIA
; NUMBER OF SEQUENCES: 50
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/079,625
; FILING DATE: 2002-FEB-19
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/864,564
; FILING DATE: 28-MAY-1997
; APPLICATION NUMBER: 08/708,123
; FILING DATE: 03-SEP-1996
; APPLICATION NUMBER: 08/638,524
; FILING DATE: 26-APR-1996
; APPLICATION NUMBER: 08/599,455
; FILING DATE: 22-JAN-1996
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663

GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: January 2, 2006, 02:07:48 ; Search time 444 Seconds
(without alignments)
9852.656 Million cell updates/sec

Title: US-08-783-734D-9
Perfect score: 2461
Sequence: 1 gaggaatcgttctgcaaatc.....ctgtacttttcatggattag 2461

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1303057 seqs, 888780828 residues

Total number of hits satisfying chosen parameters: 2606114

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_NA:*
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3: /cgn2_6/ptodata/1/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/1/ina/6B_COMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
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2	2433.4	98.9	3097	3	US-09-069-781B-1	Sequence 1, Appli
3	2433.4	98.9	3097	3	US-09-137-132-1	Sequence 1, Appli
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5	2433.4	98.9	3097	3	US-09-094-410-1	Sequence 1, Appli
6	2433.4	98.9	3097	3	US-08-708-123D-1	Sequence 1, Appli
7	2433.4	98.9	3097	3	US-08-583-153A-1	Sequence 1, Appli
8	2433.4	98.9	3097	3	US-08-570-142D-1	Sequence 1, Appli
9	2433.4	98.9	3097	3	US-08-638-524B-1	Sequence 1, Appli
10	2433.4	98.9	3854	2	US-08-599-455B-42	Sequence 42, Appl
11	2433.4	98.9	3854	3	US-09-069-781B-42	Sequence 42, Appl
12	2433.4	98.9	3854	3	US-09-137-132-42	Sequence 42, Appl
13	2433.4	98.9	3854	3	US-08-864-564A-42	Sequence 42, Appl
14	2433.4	98.9	3854	3	US-09-094-410-42	Sequence 42, Appl
15	2433.4	98.9	3854	3	US-08-708-123D-42	Sequence 42, Appl
16	2433.4	98.9	3854	3	US-08-638-524B-42	Sequence 42, Appl
17	2364.6	96.1	2868	3	US-08-780-562-8	Sequence 8, Appli
18	2163.4	87.9	3495	3	US-08-827-962-17	Sequence 17, Appl
19	2163.4	87.9	3650	3	US-08-837-635-5	Sequence 5, Appli
20	2163.4	87.9	3650	3	US-08-803-346-2	Sequence 2, Appli
21	2161.8	87.8	3650	3	US-08-837-635-7	Sequence 7, Appli
22	2160.2	87.8	3650	3	US-08-827-962-16	Sequence 16, Appl
23	1692.2	68.8	3102	3	US-08-780-562-6	Sequence 6, Appli
24	1692.2	68.8	3629	3	US-08-837-635-6	Sequence 6, Appli
25	1692.2	68.8	3800	3	US-09-023-655-885	Sequence 885, App
26	1692.2	68.8	3871	2	US-08-599-455B-3	Sequence 3, Appli
27	1692.2	68.8	3871	3	US-09-069-781B-3	Sequence 3, Appli
28	1692.2	68.8	3871	3	US-09-137-132-3	Sequence 3, Appli
29	1692.2	68.8	3871	3	US-09-094-410-3	Sequence 3, Appli
30	1692.2	68.8	3871	3	US-08-708-123D-3	Sequence 3, Appli
31	1692.2	68.8	3871	3	US-08-583-153A-3	Sequence 3, Appli
32	1692.2	68.8	3871	3	US-08-570-142D-3	Sequence 3, Appli
33	1692.2	68.8	3871	3	US-08-638-524B-3	Sequence 3, Appli
34	1692.2	68.8	4102	3	US-08-780-562-1	Sequence 1, Appli
35	1691	68.7	3004	3	US-08-780-562-5	Sequence 5, Appli
36	1690.8	68.7	2877	2	US-08-693-697-35	Sequence 35, Appl
37	1690.8	68.7	2880	2	US-08-693-697-32	Sequence 32, Appl
38	1690.8	68.7	2991	2	US-08-355-888A-6	Sequence 6, Appli
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40	1690.8	68.7	2991	2	US-08-693-697-6	Sequence 6, Appli
41	1690.8	68.7	2991	2	US-08-640-389A-1	Sequence 1, Appli
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44	1690.8	68.7	2991	3	US-09-357-914-6	Sequence 6, Appli
45	1690.8	68.7	2991	3	US-10-095-929-1	Sequence 1, Appli

ALIGNMENTS

RESULT 1
US-08-599-455B-1
; Sequence 1, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:

GenCore version 5.1.6

OM nucleic - nucleic search, using sw model

Run on: January 2, 2006, 06:35:53 ; Search time 502 Seconds
(without alignments)
2569.973 Million cell updates/sec

Title: US-08-783-734D-9
Perfect score: 2461
Sequence: 1 gaggaatcgttctgcaaatc.....ctgtacttttcatggattag 2461

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 4172979 seqs, 262114271 residues

Total number of hits satisfying chosen parameters: 8345958

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_NA_New:*
1: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
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3: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
4: /cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
5: /cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
6: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*
7: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq:*
8: /cgn2_6/ptodata/2/pubpna/US11_NEW_PUB.seq2:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Result No.	Score	% Query Match	Length	DB	ID	Description
	1	2364.6	96.1	2868	7	US-11-192-219-8	Sequence 8, Appli
	2	1692.2	68.8	3102	7	US-11-192-219-6	Sequence 6, Appli
	3	1692.2	68.8	4102	7	US-11-192-219-1	Sequence 1, Appli
	4	1691	68.7	3004	7	US-11-192-219-5	Sequence 5, Appli
	5	1682.8	68.4	2877	7	US-11-166-730-1	Sequence 1, Appli
	6	39	1.6	2369	6	US-10-636-320-1	Sequence 1, Appli
	7	39	1.6	3085	6	US-10-995-561-179	Sequence 179, App
	8	39	1.6	3170	6	US-10-995-561-178	Sequence 178, App
c	9	36.6	1.5	3864	6	US-10-793-626-3727	Sequence 3727, Ap
	10	36.6	1.5	4187	6	US-10-793-626-4354	Sequence 4354, Ap
	11	36.2	1.5	135019	6	US-10-849-438-11	Sequence 11, Appl
	12	36	1.5	67088	7	US-11-117-187-186	Sequence 186, App
c	13	35.6	1.4	932	6	US-10-750-185-52715	Sequence 52715, A
	14	35.6	1.4	150450	7	US-11-112-908-54	Sequence 54, Appl
c	15	34.8	1.4	1036	6	US-10-750-185-24691	Sequence 24691, A
	16	34.8	1.4	2460	6	US-10-750-185-29996	Sequence 29996, A
c	17	34.6	1.4	5168	6	US-10-750-185-46273	Sequence 46273, A
	18	34.4	1.4	948	6	US-10-750-185-55839	Sequence 55839, A
c	19	34.4	1.4	1949	6	US-10-750-185-38349	Sequence 38349, A
	20	34.2	1.4	2133	6	US-10-750-185-27952	Sequence 27952, A
c	21	34.2	1.4	4313	6	US-10-131-826A-393	Sequence 393, App
c	22	34	1.4	794	6	US-10-750-185-55454	Sequence 55454, A
c	23	34	1.4	166639	7	US-11-121-086-52	Sequence 52, Appl
c	24	33.8	1.4	1848	6	US-10-750-185-49222	Sequence 49222, A
c	25	33.6	1.4	1733	6	US-10-750-185-58742	Sequence 58742, A
c	26	33.4	1.4	962	6	US-10-750-185-33603	Sequence 33603, A
c	27	33.4	1.4	1936	6	US-10-750-185-35816	Sequence 35816, A
	28	33.4	1.4	2565	6	US-10-750-185-55703	Sequence 55703, A
c	29	33.2	1.3	1755	6	US-10-995-561-459	Sequence 459, App
c	30	33.2	1.3	1913	6	US-10-750-185-57835	Sequence 57835, A
	31	33.2	1.3	3715	6	US-10-750-185-35377	Sequence 35377, A
c	32	33.2	1.3	4228	6	US-10-995-561-460	Sequence 460, App
c	33	33.2	1.3	47444	6	US-10-995-561-13354	Sequence 13354, A
	34	33	1.3	6734	6	US-10-955-054A-95	Sequence 95, Appl
	35	33	1.3	6740	6	US-10-909-125-1746	Sequence 1746, Ap
c	36	32.6	1.3	841	6	US-10-750-185-32996	Sequence 32996, A
c	37	32.6	1.3	1468	6	US-10-750-185-30927	Sequence 30927, A
c	38	32.6	1.3	2389	6	US-10-750-185-37454	Sequence 37454, A
c	39	32.6	1.3	2430	6	US-10-750-185-37620	Sequence 37620, A
c	40	32.6	1.3	3214	6	US-10-750-185-44076	Sequence 44076, A
	41	32.4	1.3	813	7	US-11-074-176-103	Sequence 103, App
	42	32.4	1.3	4185	6	US-10-821-234-196	Sequence 196, App
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	44	32.4	1.3	403278	6	US-10-995-561-13421	Sequence 13421, A
c	45	32.2	1.3	1850	6	US-10-750-185-35776	Sequence 35776, A

ALIGNMENTS

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RESULT 1
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; Sequence 8, Application US/11192219
; Publication No. US20050272656A1
;   GENERAL INFORMATION:
;        APPLICANT: Matthews, William
;        TITLE OF INVENTION: USES FOR WSX LIGANDS
;        NUMBER OF SEQUENCES: 47
;        CORRESPONDENCE ADDRESS:
;             ADDRESSEE: Genentech, Inc.
;             STREET: 460 Point San Bruno Blvd
;             CITY: South San Francisco
;             STATE: California
;             COUNTRY: USA
;             ZIP: 94080
;        COMPUTER READABLE FORM:
;             MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
;             COMPUTER: IBM PC compatible
;             OPERATING SYSTEM: PC-DOS/MS-DOS
;             SOFTWARE: WinPatin (Genentech)
;        CURRENT APPLICATION DATA:
;             APPLICATION NUMBER: US/11/192,219
;             FILING DATE: 27-Jul-2005
;             CLASSIFICATION: 424
;        PRIOR APPLICATION DATA:
;             APPLICATION NUMBER: US/08/667,197
;             FILING DATE: 20-Jun-1996
;             APPLICATION NUMBER: 08/585005
;             FILING DATE: 08-Jan-96
;        ATTORNEY/AGENT INFORMATION:
;             NAME: Lee, Wendy M.
;             REGISTRATION NUMBER: P-40,378
;             REFERENCE/DOCKET NUMBER: P0986P1
;        TELECOMMUNICATION INFORMATION:
;             TELEPHONE: 415/225-1994
;             TELEFAX: 415/952-9881
;             TELEX: 910/371-7168
;   INFORMATION FOR SEQ ID NO: 8:
;        SEQUENCE CHARACTERISTICS:
;             LENGTH: 2868 base pairs
;             TYPE: Nucleic Acid
;             STRANDEDNESS: Single
;             TOPOLOGY: Linear
;        SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-11-192-219-8
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 2, 2006, 13:46:09 ; Search time 8.05474 Seconds
(without alignments)
748.439 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MMCQKFYVVLLHWEFLYVIA.....IPSNVKKFYIHGMCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 57103 seqs, 7488799 residues

Total number of hits satisfying chosen parameters: 57103

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_New:*
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7: /cgn2_6/ptodata/2/pubpaa/US11_NEW_PUB.pep:*
8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4031	93.3	783	7	US-11-192-219-7	Sequence 7, Appli
2	3340	77.3	896	7	US-11-192-219-3	Sequence 3, Appli
3	3340	77.3	923	7	US-11-192-219-4	Sequence 4, Appli
4	3340	77.3	1165	7	US-11-192-219-2	Sequence 2, Appli
5	3318	76.8	898	7	US-11-166-730-3	Sequence 3, Appli
6	298.5	6.9	646	6	US-10-995-561-695	Sequence 695, App
7	298.5	6.9	708	6	US-10-636-320-2	Sequence 2, Appli
8	298.5	6.9	918	6	US-10-995-561-696	Sequence 696, App
9	250.5	5.8	836	6	US-10-821-234-1559	Sequence 1559, Ap
10	210.5	4.9	979	6	US-10-636-320-6	Sequence 6, Appli
11	204	4.7	329	6	US-10-995-561-694	Sequence 694, App
12	151.5	3.5	538	7	US-11-174-398-16	Sequence 16, Appl
13	149	3.4	2296	6	US-10-995-561-633	Sequence 633, App
14	149	3.4	2355	6	US-10-995-561-623	Sequence 623, App
15	149	3.4	2355	6	US-10-995-561-627	Sequence 627, App
16	149	3.4	2384	6	US-10-821-234-1545	Sequence 1545, Ap
17	149	3.4	2386	6	US-10-995-561-626	Sequence 626, App
18	145	3.4	1907	7	US-11-000-463-250	Sequence 250, App
19	144	3.3	384	7	US-11-075-351-32	Sequence 32, Appl
20	141	3.3	1897	6	US-10-821-234-1635	Sequence 1635, Ap
21	139.5	3.2	1433	7	US-11-094-519A-40	Sequence 40, Appl
22	135.5	3.1	420	7	US-11-185-230-5	Sequence 5, Appli
23	135	3.1	313	7	US-11-193-512-106	Sequence 106, App
24	132.5	3.1	2214	7	US-11-080-991-94	Sequence 94, Appl
25	129.5	3.0	1315	6	US-10-995-561-630	Sequence 630, App
26	122.5	2.8	1259	6	US-10-995-561-625	Sequence 625, App
27	122.5	2.8	1286	6	US-10-995-561-628	Sequence 628, App
28	122.5	2.8	1341	6	US-10-995-561-621	Sequence 621, App
29	120	2.8	1198	6	US-10-451-375-4	Sequence 4, Appli
30	117	2.7	662	6	US-10-995-561-943	Sequence 943, App
31	117	2.7	702	6	US-10-995-561-942	Sequence 942, App
32	117	2.7	754	6	US-10-995-561-941	Sequence 941, App
33	114	2.6	1250	7	US-11-137-465-62	Sequence 62, Appl
34	114	2.6	1254	6	US-10-528-031-47	Sequence 47, Appl
35	112	2.6	3063	7	US-11-186-284-26	Sequence 26, Appl
36	111.5	2.6	972	6	US-10-821-234-1587	Sequence 1587, Ap
37	110	2.5	1348	6	US-10-995-561-624	Sequence 624, App
38	109	2.5	4384	6	US-10-821-234-1120	Sequence 1120, Ap
39	108	2.5	427	7	US-11-185-230-4	Sequence 4, Appli
40	107.5	2.5	974	6	US-10-995-561-895	Sequence 895, App
41	107.5	2.5	1694	7	US-11-135-855-36	Sequence 36, Appl
42	107.5	2.5	1709	7	US-11-135-855-35	Sequence 35, Appl
43	106	2.5	825	6	US-10-995-561-679	Sequence 679, App
44	105.5	2.4	615	6	US-10-995-561-940	Sequence 940, App
45	105	2.4	852	7	US-11-104-923A-5	Sequence 5, Appli

ALIGNMENTS

RESULT 1
US-11-192-219-7
; Sequence 7, Application US/11192219
; Publication No. US20050272656A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: USES FOR WSX LIGANDS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/192,219
; FILING DATE: 27-Jul-2005
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,197
; FILING DATE: 20-Jun-1996
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: P-40,378
; REFERENCE/DOCKET NUMBER: P0986P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-11-192-219-7

Query Match 93.3%; Score 4031; DB 7; Length 783;
Best Local Similarity 96.6%; Pred. No. 0;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 2, 2006, 13:45:24 ; Search time 70.5974 Seconds
(without alignments)
4764.376 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MMCQKFYVVLLHWEFLYVIA.....IPSNVKKFYIHGMCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4271	98.8	894	2	US-08-779-457-51	Sequence 51, Appl
2	4271	98.8	894	4	US-10-079-625-2	Sequence 2, Appli
3	4271	98.8	894	4	US-10-095-929-12	Sequence 12, Appl
4	4271	98.8	894	5	US-10-921-710-51	Sequence 51, Appl
5	4271	98.8	894	6	US-11-026-133-12	Sequence 12, Appl
6	4271	98.8	1162	4	US-10-079-625-43	Sequence 43, Appl
7	4265	98.7	1162	4	US-10-226-579-2	Sequence 2, Appli
8	4031	93.3	783	2	US-08-779-457-7	Sequence 7, Appli
9	4031	93.3	783	4	US-10-214-802-7	Sequence 7, Appli
10	4031	93.3	783	5	US-10-921-710-7	Sequence 7, Appli
11	3355	77.6	804	3	US-09-116-676-10	Sequence 10, Appl
12	3340	77.3	896	2	US-08-779-457-3	Sequence 3, Appli
13	3340	77.3	896	4	US-10-214-802-3	Sequence 3, Appli
14	3340	77.3	896	4	US-10-373-624A-2	Sequence 2, Appli
15	3340	77.3	896	5	US-10-774-721-10	Sequence 10, Appl
16	3340	77.3	896	5	US-10-921-710-3	Sequence 3, Appli
17	3340	77.3	923	2	US-08-779-457-4	Sequence 4, Appli
18	3340	77.3	923	4	US-10-214-802-4	Sequence 4, Appli
19	3340	77.3	923	5	US-10-921-710-4	Sequence 4, Appli
20	3340	77.3	925	5	US-10-492-403A-15	Sequence 15, Appl
21	3340	77.3	1165	2	US-08-779-457-2	Sequence 2, Appli
22	3340	77.3	1165	3	US-09-894-039-1	Sequence 1, Appli
23	3340	77.3	1165	4	US-10-095-929-11	Sequence 11, Appl
24	3340	77.3	1165	4	US-10-214-802-2	Sequence 2, Appli
25	3340	77.3	1165	4	US-10-226-579-4	Sequence 4, Appli
26	3340	77.3	1165	5	US-10-921-710-2	Sequence 2, Appli
27	3340	77.3	1165	5	US-10-893-315-73	Sequence 73, Appl
28	3340	77.3	1165	6	US-11-026-133-11	Sequence 11, Appl
29	3333	77.1	1167	5	US-10-893-315-87	Sequence 87, Appl
30	3328	77.0	896	4	US-10-095-929-10	Sequence 10, Appl
31	3328	77.0	896	6	US-11-026-133-10	Sequence 10, Appl
32	3328	77.0	906	4	US-10-095-929-9	Sequence 9, Appli
33	3328	77.0	906	6	US-11-026-133-9	Sequence 9, Appli
34	3328	77.0	958	4	US-10-095-929-8	Sequence 8, Appli
35	3328	77.0	958	6	US-11-026-133-8	Sequence 8, Appli
36	3326	77.0	1165	4	US-10-079-625-4	Sequence 4, Appli
37	3323	76.9	960	4	US-10-095-929-3	Sequence 3, Appli
38	3323	76.9	960	6	US-11-026-133-3	Sequence 3, Appli
39	3318	76.8	898	4	US-10-245-616-3	Sequence 3, Appli
40	3223	74.6	916	4	US-10-373-624A-4	Sequence 4, Appli
41	3223	74.6	1161	4	US-10-373-624A-8	Sequence 8, Appli
42	3223	74.6	1161	5	US-10-774-721-14	Sequence 14, Appl
43	3223	74.6	1234	4	US-10-373-624A-6	Sequence 6, Appli
44	3223	74.6	1234	5	US-10-774-721-12	Sequence 12, Appl
45	3199	74.0	896	5	US-10-014-156-13	Sequence 13, Appl

ALIGNMENTS

RESULT 1
US-08-779-457-51
; Sequence 51, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-51

Query Match 98.8%; Score 4271; DB 2; Length 894;

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 2, 2006, 10:19:03 ; Search time 21.3214 Seconds
(without alignments)
3121.466 Million cell updates/sec

Title: US-08-783-734D-10
Perfect score: 4321
Sequence: 1 MMCQKFYVVLLHWEFLYVIA.....IPSNVKKFYIHGMCTVLFMD 805

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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3: /cgn2_6/ptodata/1/iaa/H_COMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4271	98.8	894	1	US-08-599-455B-2	Sequence 2, Appli
2	4271	98.8	894	2	US-09-069-781B-2	Sequence 2, Appli
3	4271	98.8	894	2	US-08-618-957A-12	Sequence 12, Appl
4	4271	98.8	894	2	US-09-137-132-2	Sequence 2, Appli
5	4271	98.8	894	2	US-08-864-564A-2	Sequence 2, Appli
6	4271	98.8	894	2	US-09-094-410-2	Sequence 2, Appli
7	4271	98.8	894	2	US-08-708-123D-2	Sequence 2, Appli
8	4271	98.8	894	2	US-08-583-153A-2	Sequence 2, Appli
9	4271	98.8	894	2	US-08-570-142D-2	Sequence 2, Appli
10	4271	98.8	894	2	US-08-638-524B-2	Sequence 2, Appli
11	4271	98.8	894	2	US-10-095-929-12	Sequence 12, Appl
12	4271	98.8	1162	1	US-08-599-455B-43	Sequence 43, Appl
13	4271	98.8	1162	2	US-09-069-781B-43	Sequence 43, Appl
14	4271	98.8	1162	2	US-09-137-132-43	Sequence 43, Appl
15	4271	98.8	1162	2	US-08-864-564A-43	Sequence 43, Appl
16	4271	98.8	1162	2	US-09-094-410-43	Sequence 43, Appl
17	4271	98.8	1162	2	US-08-708-123D-43	Sequence 43, Appl
18	4271	98.8	1162	2	US-08-638-524B-43	Sequence 43, Appl
19	4147	96.0	896	1	US-08-640-389A-12	Sequence 12, Appl
20	4031	93.3	783	2	US-08-780-562-7	Sequence 7, Appli
21	3991	92.4	1162	2	US-08-803-346-1	Sequence 1, Appli
22	3983	92.2	895	2	US-08-827-962-19	Sequence 19, Appl
23	3983	92.2	1162	2	US-08-827-962-15	Sequence 15, Appl
24	3977	92.0	1162	2	US-08-827-962-20	Sequence 20, Appl
25	3947	91.3	895	2	US-08-827-962-21	Sequence 21, Appl
26	3355	77.6	804	2	US-09-116-676-10	Sequence 10, Appl
27	3340	77.3	896	2	US-08-780-562-3	Sequence 3, Appli
28	3340	77.3	923	2	US-08-780-562-4	Sequence 4, Appli
29	3340	77.3	1165	1	US-08-599-455B-4	Sequence 4, Appli
30	3340	77.3	1165	2	US-09-093-814-1	Sequence 1, Appli
31	3340	77.3	1165	2	US-09-069-781B-4	Sequence 4, Appli
32	3340	77.3	1165	2	US-08-618-957A-11	Sequence 11, Appl
33	3340	77.3	1165	2	US-09-137-132-4	Sequence 4, Appli
34	3340	77.3	1165	2	US-09-094-410-4	Sequence 4, Appli
35	3340	77.3	1165	2	US-08-708-123D-4	Sequence 4, Appli
36	3340	77.3	1165	2	US-08-583-153A-4	Sequence 4, Appli
37	3340	77.3	1165	2	US-08-570-142D-4	Sequence 4, Appli
38	3340	77.3	1165	2	US-08-780-562-2	Sequence 2, Appli
39	3340	77.3	1165	2	US-08-638-524B-4	Sequence 4, Appli
40	3340	77.3	1165	2	US-10-095-929-11	Sequence 11, Appl
41	3328	77.0	896	2	US-08-618-957A-10	Sequence 10, Appl
42	3328	77.0	896	2	US-09-357-914-33	Sequence 33, Appl
43	3328	77.0	896	2	US-10-095-929-10	Sequence 10, Appl
44	3328	77.0	898	1	US-08-693-697-36	Sequence 36, Appl
45	3328	77.0	906	2	US-08-618-957A-9	Sequence 9, Appli

ALIGNMENTS

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RESULT 1
US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
;  GENERAL INFORMATION:
;    APPLICANT:  Tartaglia, Louis A.
;    APPLICANT:  Tepper, Robert I.
;    APPLICANT:  Culpepper, Janice A.
;    TITLE OF INVENTION:  METHODS OF IDENTIFYING COMPOUNDS THAT
;    TITLE OF INVENTION:  MODULATE BODY WEIGHT USING THE OB RECEPTOR
;    NUMBER OF SEQUENCES:  44
;    CORRESPONDENCE ADDRESS:
;      ADDRESSEE:  Fish & Richardson, P.C.
;      STREET:  225 Franklin Street
;      CITY:  Boston
;      STATE:  MA
;      COUNTRY:  US
;      ZIP:  02110-2804
;    COMPUTER READABLE FORM:
;      MEDIUM TYPE:  Diskette
;      COMPUTER:  IBM Compatible
;      OPERATING SYSTEM:  Windows95
;      SOFTWARE:  FastSEQ for Windows Version 2.0
;    CURRENT APPLICATION DATA:
;      APPLICATION NUMBER:  US/08/599,455B
;      FILING DATE:  22-JAN-1996
;    PRIOR APPLICATION DATA:
;      APPLICATION NUMBER:  08/583,153
;      FILING DATE:  28-DEC-1995
;      APPLICATION NUMBER:  08/570,142
;      FILING DATE:  11-DEC-1995
;      APPLICATION NUMBER:  08/569,485
;      FILING DATE:  08-DEC-1995
;      APPLICATION NUMBER:  08/566,622
;      FILING DATE:  04-DEC-1995
;      APPLICATION NUMBER:  08/562,663
;      FILING DATE:  27-NOV-1995
;    ATTORNEY/AGENT INFORMATION:
;      NAME:  Meiklejohn, Ph.D., Anita L.
;      REGISTRATION NUMBER:  35,283
;      REFERENCE/DOCKET NUMBER:  07334/017001
;    TELECOMMUNICATION INFORMATION:
;      TELEPHONE:  617-542-5070
;      TELEFAX:  617-542-8906
;      TELEX:  200154
;  INFORMATION FOR SEQ ID NO:  2:
;    SEQUENCE CHARACTERISTICS:
;      LENGTH:  894 amino acids
;      TYPE:  amino acid
;      TOPOLOGY:  linear
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GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 2, 2006, 13:46:09 ; Search time 8.94526 Seconds
(without alignments)
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Perfect score: 4793
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 57103 seqs, 7488799 residues

Total number of hits satisfying chosen parameters: 57103

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published_Applications_AA_New:*
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4: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pep:*
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8: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4031	84.1	783	7	US-11-192-219-7	Sequence 7, Appli
2	3804	79.4	896	7	US-11-192-219-3	Sequence 3, Appli
3	3785	79.0	923	7	US-11-192-219-4	Sequence 4, Appli
4	3785	79.0	1165	7	US-11-192-219-2	Sequence 2, Appli
5	3775	78.8	898	7	US-11-166-730-3	Sequence 3, Appli
6	349	7.3	708	6	US-10-636-320-2	Sequence 2, Appli
7	349	7.3	918	6	US-10-995-561-696	Sequence 696, App
8	342.5	7.1	646	6	US-10-995-561-695	Sequence 695, App
9	279.5	5.8	836	6	US-10-821-234-1559	Sequence 1559, Ap
10	239	5.0	979	6	US-10-636-320-6	Sequence 6, Appli
11	204	4.3	329	6	US-10-995-561-694	Sequence 694, App
12	157.5	3.3	1433	7	US-11-094-519A-40	Sequence 40, Appl
13	151.5	3.2	538	7	US-11-174-398-16	Sequence 16, Appl
14	149	3.1	1907	7	US-11-000-463-250	Sequence 250, App
15	149	3.1	2296	6	US-10-995-561-633	Sequence 633, App
16	149	3.1	2355	6	US-10-995-561-623	Sequence 623, App
17	149	3.1	2355	6	US-10-995-561-627	Sequence 627, App
18	149	3.1	2384	6	US-10-821-234-1545	Sequence 1545, Ap
19	149	3.1	2386	6	US-10-995-561-626	Sequence 626, App
20	145	3.0	1897	6	US-10-821-234-1635	Sequence 1635, Ap
21	144	3.0	384	7	US-11-075-351-32	Sequence 32, Appl
22	137.5	2.9	1315	6	US-10-995-561-630	Sequence 630, App
23	135.5	2.8	420	7	US-11-185-230-5	Sequence 5, Appli
24	135	2.8	313	7	US-11-193-512-106	Sequence 106, App
25	132.5	2.8	2214	7	US-11-080-991-94	Sequence 94, Appl
26	132.5	2.8	3063	7	US-11-186-284-26	Sequence 26, Appl
27	124.5	2.6	1254	6	US-10-528-031-47	Sequence 47, Appl
28	122.5	2.6	1259	6	US-10-995-561-625	Sequence 625, App
29	122.5	2.6	1286	6	US-10-995-561-628	Sequence 628, App
30	122.5	2.6	1341	6	US-10-995-561-621	Sequence 621, App
31	120	2.5	1198	6	US-10-451-375-4	Sequence 4, Appli
32	119.5	2.5	974	6	US-10-995-561-895	Sequence 895, App
33	118	2.5	1348	6	US-10-995-561-624	Sequence 624, App
34	117	2.4	662	6	US-10-995-561-943	Sequence 943, App
35	117	2.4	702	6	US-10-995-561-942	Sequence 942, App
36	117	2.4	754	6	US-10-995-561-941	Sequence 941, App
37	116.5	2.4	972	6	US-10-821-234-1587	Sequence 1587, Ap
38	116.5	2.4	1250	7	US-11-137-465-62	Sequence 62, Appl
39	115	2.4	997	6	US-10-995-561-896	Sequence 896, App
40	109	2.3	4384	6	US-10-821-234-1120	Sequence 1120, Ap
41	108	2.3	427	7	US-11-185-230-4	Sequence 4, Appli
42	108	2.3	984	6	US-10-995-561-629	Sequence 629, App
43	107.5	2.2	1694	7	US-11-135-855-36	Sequence 36, Appl
44	107.5	2.2	1709	7	US-11-135-855-35	Sequence 35, Appl
45	107	2.2	2516	6	US-10-647-956A-2	Sequence 2, Appli

ALIGNMENTS

RESULT 1
US-11-192-219-7
; Sequence 7, Application US/11192219
; Publication No. US20050272656A1
; GENERAL INFORMATION:
; APPLICANT: Matthews, William
; TITLE OF INVENTION: USES FOR WSX LIGANDS
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/11/192,219
; FILING DATE: 27-Jul-2005
; CLASSIFICATION: 424
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/667,197
; FILING DATE: 20-Jun-1996
; APPLICATION NUMBER: 08/585005
; FILING DATE: 08-Jan-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: P-40,378
; REFERENCE/DOCKET NUMBER: P0986P1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 783 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 7:
US-11-192-219-7

Query Match 84.1%; Score 4031; DB 7; Length 783;
Best Local Similarity 96.6%; Pred. No. 0;
Matches 756; Conservative 2; Mismatches 25; Indels 0; Gaps 0;

GenCore version 5.1.6

[redacted] protein search, using sw model

[redacted] Search time 78.4026 Seconds
(without alignments)
4764.376 Million cell updates/sec

Title: US-08-783-734D-84
Perfect score: 4793
Sequence: 1 MMCQKPVVVLLHWEPLYVIA ... NPKNCSWAQGLNFQKRTDTL 894

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4793	100.0	894	2	US-08-779-457-51	Sequence 51, Appl
2	4793	100.0	894	4	US-10-079-625-2	Sequence 2, Appli
3	4793	100.0	894	5	US-10-921-710-51	Sequence 51, Appl
4	4788	99.9	894	4	US-10-095-929-12	Sequence 12, Appl
5	4788	99.9	894	6	US-11-026-133-12	Sequence 12, Appl
6	4768	99.5	1162	4	US-10-079-625-43	Sequence 43, Appl
7	4762	99.4	1162	4	US-10-226-579-2	Sequence 2, Appli
8	4031	84.1	783	2	US-08-779-457-7	Sequence 7, Appli
9	4031	84.1	783	4	US-10-214-802-7	Sequence 7, Appli
10	4031	84.1	783	5	US-10-921-710-7	Sequence 7, Appli
11	3804	79.4	896	2	US-08-779-457-3	Sequence 3, Appli
12	3804	79.4	896	4	US-10-214-802-3	Sequence 3, Appli
13	3804	79.4	896	4	US-10-373-624A-2	Sequence 2, Appli
14	3804	79.4	896	5	US-10-774-721-10	Sequence 10, Appl
15	3804	79.4	896	5	US-10-921-710-3	Sequence 3, Appli
16	3792	79.1	896	4	US-10-095-929-10	Sequence 10, Appl
17	3792	79.1	896	6	US-11-026-133-10	Sequence 10, Appl
18	3785	79.0	923	2	US-08-779-457-4	Sequence 4, Appli
19	3785	79.0	923	4	US-10-214-802-4	Sequence 4, Appli
20	3785	79.0	923	5	US-10-921-710-4	Sequence 4, Appli
21	3785	79.0	1165	2	US-08-779-457-2	Sequence 2, Appli
22	3785	79.0	1165	3	US-09-894-039-1	Sequence 1, Appli
23	3785	79.0	1165	4	US-10-095-929-11	Sequence 11, Appl
24	3785	79.0	1165	4	US-10-214-802-2	Sequence 2, Appli
25	3785	79.0	1165	4	US-10-226-579-4	Sequence 4, Appli
26	3785	79.0	1165	5	US-10-921-710-2	Sequence 2, Appli
27	3785	79.0	1165	5	US-10-893-315-73	Sequence 73, Appl
28	3785	79.0	1165	6	US-11-026-133-11	Sequence 11, Appl
29	3778	78.8	1167	5	US-10-893-315-87	Sequence 87, Appl
30	3775	78.8	898	4	US-10-245-616-3	Sequence 3, Appli
31	3775	78.8	906	4	US-10-095-929-9	Sequence 9, Appli
32	3775	78.8	906	6	US-11-026-133-9	Sequence 9, Appli
33	3773	78.7	958	4	US-10-095-929-8	Sequence 8, Appli
34	3773	78.7	958	6	US-11-026-133-8	Sequence 8, Appli
35	3771	78.7	1165	4	US-10-079-625-4	Sequence 4, Appli
36	3768	78.6	960	4	US-10-095-929-3	Sequence 3, Appli
37	3768	78.6	960	6	US-11-026-133-3	Sequence 3, Appli
38	3687	76.9	916	4	US-10-373-624A-4	Sequence 4, Appli
39	3687	76.9	1161	4	US-10-373-624A-8	Sequence 8, Appli
40	3687	76.9	1161	5	US-10-774-721-14	Sequence 14, Appl
41	3687	76.9	1234	4	US-10-373-624A-6	Sequence 6, Appli
42	3687	76.9	1234	5	US-10-774-721-12	Sequence 12, Appl
43	3653	76.2	896	5	US-10-014-156-13	Sequence 13, Appl
44	3517.5	73.4	925	5	US-10-492-403A-15	Sequence 15, Appl
45	3345	69.8	804	3	US-09-116-676-10	Sequence 10, Appl

ALIGNMENTS

RESULT 1
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; Sequence 51, Application US/08779457
; Publication No. US20020193571A1
; GENERAL INFORMATION:
; APPLICANT: Carter, Paul J.
; APPLICANT: Chiang, Nancy Y.
; APPLICANT: Kyung, Jin Kim
; APPLICANT: Matthews, William
; APPLICANT: Rodrigues, Maria L.
; TITLE OF INVENTION: WSX RECEPTOR AGONIST ANTIBODIES
; NUMBER OF SEQUENCES: 51
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Genentech, Inc.
; STREET: 460 Point San Bruno Blvd
; CITY: South San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94080
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch, 1.44 Mb floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WinPatin (Genentech)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/779,457
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/667197
; FILING DATE: 06/20/96
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/585005
; FILING DATE: 01/08/96
; ATTORNEY/AGENT INFORMATION:
; NAME: Lee, Wendy M.
; REGISTRATION NUMBER: 40,378
; REFERENCE/DOCKET NUMBER: P0986P2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415/225-1994
; TELEFAX: 415/952-9881
; TELEX: 910/371-7168
; INFORMATION FOR SEQ ID NO: 51:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: Amino Acid
; TOPOLOGY: Linear
US-08-779-457-51

Query Match 100.0%; Score 4793; DB 2; Length 894;

GenCore version 5.1.6

OM protein - protein search, using sw model

Run on: January 2, 2006, 10:19:03 ; Search time 23.6786 Seconds
(without alignments)
3121.466 Million cell updates/sec

Title: US-08-783-734D-84
Perfect score: 4793
Sequence: 1 MMCQKFYVVLLHWEFLYVIA.....NPKNCSWAQGLNFQKRTDTL 894

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA:*
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5: /cgn2_6/ptodata/1/iaa/RE_COMB.pep:*
6: /cgn2_6/ptodata/1/iaa/backfiles1.pep:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	% Query Match	Length	DB	ID	Description
1	4793	100.0	894	1	US-08-599-455B-2	Sequence 2, Appli
2	4793	100.0	894	2	US-09-069-781B-2	Sequence 2, Appli
3	4793	100.0	894	2	US-09-137-132-2	Sequence 2, Appli
4	4793	100.0	894	2	US-08-864-564A-2	Sequence 2, Appli
5	4793	100.0	894	2	US-09-094-410-2	Sequence 2, Appli
6	4793	100.0	894	2	US-08-708-123D-2	Sequence 2, Appli
7	4793	100.0	894	2	US-08-583-153A-2	Sequence 2, Appli
8	4793	100.0	894	2	US-08-570-142D-2	Sequence 2, Appli
9	4793	100.0	894	2	US-08-638-524B-2	Sequence 2, Appli
10	4788	99.9	894	2	US-08-618-957A-12	Sequence 12, Appl
11	4788	99.9	894	2	US-10-095-929-12	Sequence 12, Appl
12	4768	99.5	1162	1	US-08-599-455B-43	Sequence 43, Appl
13	4768	99.5	1162	2	US-09-069-781B-43	Sequence 43, Appl
14	4768	99.5	1162	2	US-09-137-132-43	Sequence 43, Appl
15	4768	99.5	1162	2	US-08-864-564A-43	Sequence 43, Appl
16	4768	99.5	1162	2	US-09-094-410-43	Sequence 43, Appl
17	4768	99.5	1162	2	US-08-708-123D-43	Sequence 43, Appl
18	4768	99.5	1162	2	US-08-638-524B-43	Sequence 43, Appl
19	4669	97.4	896	1	US-08-640-389A-12	Sequence 12, Appl
20	4474	93.3	1162	2	US-08-803-346-1	Sequence 1, Appli
21	4466	93.2	895	2	US-08-827-962-19	Sequence 19, Appl
22	4466	93.2	1162	2	US-08-827-962-15	Sequence 15, Appl
23	4460	93.1	1162	2	US-08-827-962-20	Sequence 20, Appl
24	4430	92.4	895	2	US-08-827-962-21	Sequence 21, Appl
25	4031	84.1	783	2	US-08-780-562-7	Sequence 7, Appli
26	3804	79.4	896	2	US-08-780-562-3	Sequence 3, Appli
27	3792	79.1	896	2	US-08-618-957A-10	Sequence 10, Appl
28	3792	79.1	896	2	US-09-357-914-33	Sequence 33, Appl
29	3792	79.1	896	2	US-10-095-929-10	Sequence 10, Appl
30	3792	79.1	898	1	US-08-693-697-36	Sequence 36, Appl
31	3785	79.0	923	2	US-08-780-562-4	Sequence 4, Appli
32	3785	79.0	1165	1	US-08-599-455B-4	Sequence 4, Appli
33	3785	79.0	1165	2	US-09-093-814-1	Sequence 1, Appli
34	3785	79.0	1165	2	US-09-069-781B-4	Sequence 4, Appli
35	3785	79.0	1165	2	US-08-618-957A-11	Sequence 11, Appl
36	3785	79.0	1165	2	US-09-137-132-4	Sequence 4, Appli
37	3785	79.0	1165	2	US-09-094-410-4	Sequence 4, Appli
38	3785	79.0	1165	2	US-08-708-123D-4	Sequence 4, Appli
39	3785	79.0	1165	2	US-08-583-153A-4	Sequence 4, Appli
40	3785	79.0	1165	2	US-08-570-142D-4	Sequence 4, Appli
41	3785	79.0	1165	2	US-08-780-562-2	Sequence 2, Appli
42	3785	79.0	1165	2	US-08-638-524B-4	Sequence 4, Appli
43	3785	79.0	1165	2	US-10-095-929-11	Sequence 11, Appl
44	3779	78.8	896	1	US-08-640-389A-10	Sequence 10, Appl
45	3775	78.8	898	2	US-08-588-189-3	Sequence 3, Appli

ALIGNMENTS

RESULT 1
US-08-599-455B-2
; Sequence 2, Application US/08599455B
; Patent No. 5972621
; GENERAL INFORMATION:
; APPLICANT: Tartaglia, Louis A.
; APPLICANT: Tepper, Robert I.
; APPLICANT: Culpepper, Janice A.
; TITLE OF INVENTION: METHODS OF IDENTIFYING COMPOUNDS THAT
; TITLE OF INVENTION: MODULATE BODY WEIGHT USING THE OB RECEPTOR
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson, P.C.
; STREET: 225 Franklin Street
; CITY: Boston
; STATE: MA
; COUNTRY: US
; ZIP: 02110-2804
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows95
; SOFTWARE: FastSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/599,455B
; FILING DATE: 22-JAN-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/583,153
; FILING DATE: 28-DEC-1995
; APPLICATION NUMBER: 08/570,142
; FILING DATE: 11-DEC-1995
; APPLICATION NUMBER: 08/569,485
; FILING DATE: 08-DEC-1995
; APPLICATION NUMBER: 08/566,622
; FILING DATE: 04-DEC-1995
; APPLICATION NUMBER: 08/562,663
; FILING DATE: 27-NOV-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Meiklejohn, Ph.D., Anita L.
; REGISTRATION NUMBER: 35,283
; REFERENCE/DOCKET NUMBER: 07334/017001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-542-5070
; TELEFAX: 617-542-8906
; TELEX: 200154
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 894 amino acids
; TYPE: amino acid
; TOPOLOGY: linear